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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];**
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **EDWARDS, Martin, J. [GB/GB];** c/o Philips Intellectual Property & Standards,
Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) Agents: **WILLIAMSON, Paul, L. et al.;** c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

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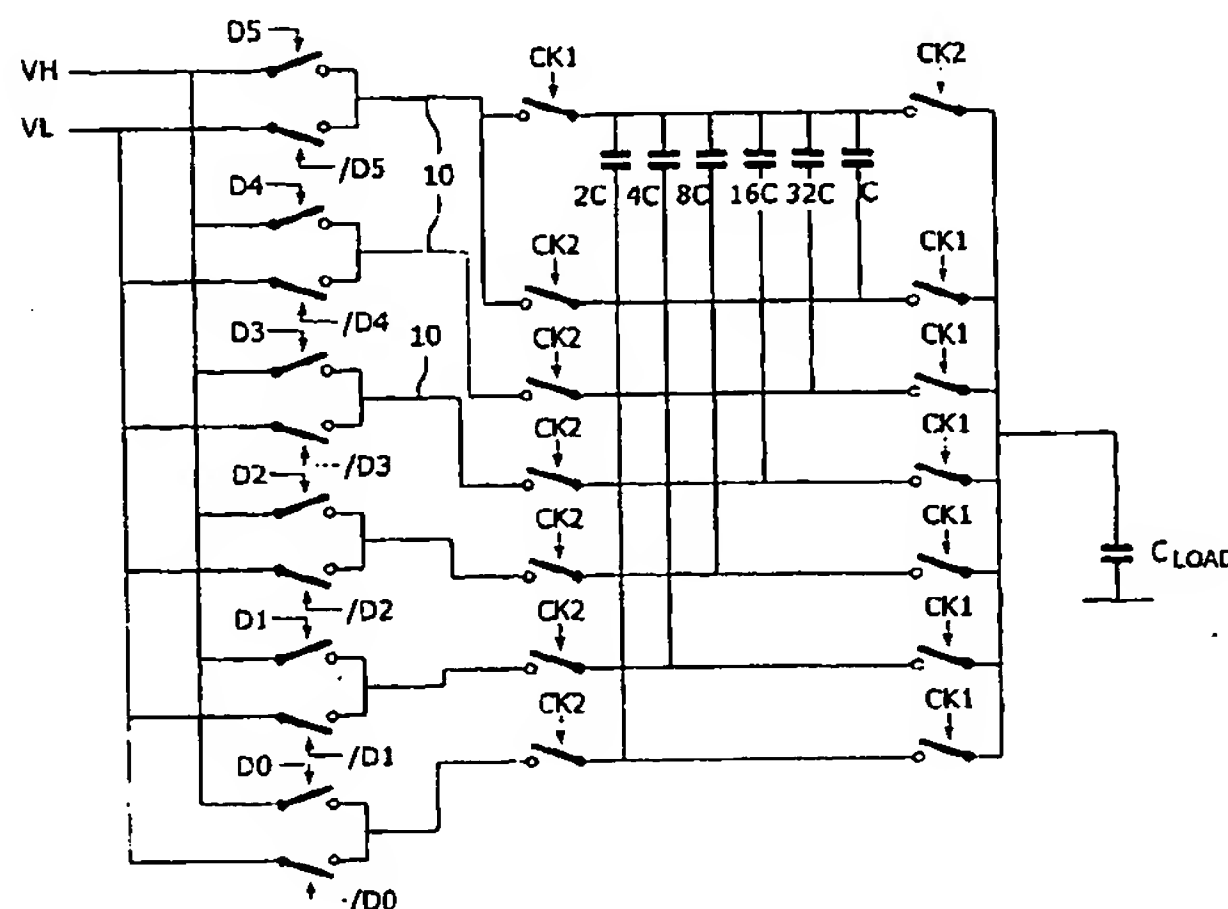
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(54) Title: **DIGITAL TO ANALOGUE CONVERTERS**



(57) Abstract: In a digital to analogue converter, a plurality of digital inputs are used to select one of first and second binary voltage levels as binary inputs (10) to the converter. A capacitor circuit (C, 2C, ..., 32C) is associated with each input, and these are controlled to output an effective voltage to an output load comprising the first binary voltage level, the second binary voltage level or an average of the first and second binary voltage levels in dependence on the bits of the digital input word. The plurality of capacitor circuits can be operated in either a voltage divider mode (to provide an average output) or a resistor mode depending on the value of the digital data. Operation of the capacitor circuits in this way can result in a reduction in the currents flowing and can therefore reduce the power consumption.

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